

| Number | Hits | Search Text | DB | Time stamp |
|--------|------|---|---|------------------|
| 1 | 2 | ("4791634").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/24 14:12 |
| 2 | 0 | jp-8227953\$-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/24 14:13 |
| 3 | 2 | jp-08227953\$-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/24 14:13 |
| 6 | 21 | zengerle.in. and heat | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/24 15:25 |
| 7 | 4 | zengerle.in. and power adj semiconductor adj component | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/24 15:26 |
| - | 2 | jp-09102568\$-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/24 13:32 |
| - | 2 | jp-08227953\$-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/06 16:22 |
| - | 2 | jp-08139479\$-\$ did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/06 16:24 |
| - | 3 | ("5785754").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/06 16:24 |
| - | 2008 | ((372/34) or (372/35) or (372/36)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/23 15:24 |
| - | 996 | heat adj sink.ti. and 257/\$6.cccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/07 07:45 |
| - | 33 | heat adj sink.ti. and liquid.ti,ab. and 257/\$6.cccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/21 15:28 |
| - | 20 | ((((372/34) or (372/35) or (372/36)).CCLS.) or ((257/712) or (257/713) or (257/714) or (257/715)).CCLS.) and laser.ti,ab. and heat adj sink.ti,ab. and liquid or water .ti,ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 04:27 |

- 8 [US-6307871-\$ or US-5801442-\$ or
 US-4791634-\$ or US-4712619-\$ or
 US-3764935-\$].did. or
 (US-20010004370-\$).did. or (JP-02257653-\$
 or JP-63073584-\$).did.
 - 386 (257/365).CCLS. USPAT; 2002/08/07 15:48
 US-PPGPUB;
 JPO
 - 6068 (((372/34) or (372/35) or (372/36)).CCLS.)
 or (((257/712) or (257/713) or (257/714)
 or (257/715)).CCLS.) USPAT; 2002/08/08 12:50
 US-PPGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 307 (((((372/34) or (372/35) or
 (372/36)).CCLS.) or (((257/712) or
 (257/713) or (257/714) or
 (257/715)).CCLS.)) and heat adj sink and
 (liquid or water) near6 (cooler or
 coolant) USPAT; 2002/08/09 12:52
 US-PPGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 110 (((((372/34) or (372/35) or
 (372/36)).CCLS.) or (((257/712) or
 (257/713) or (257/714) or
 (257/715)).CCLS.)) and heat adj sink and
 (liquid or water) near6 (cooler or
 coolant) and (groove or slit or trench)
 - 63 ((((((372/34) or (372/35) or
 (372/36)).CCLS.) or (((257/712) or
 (257/713) or (257/714) or
 (257/715)).CCLS.)) and heat adj sink and
 (liquid or water) near6 (cooler or
 coolant) and (groove or slit or trench))
 and (stack or (upper near12 lower)) USPAT; 2002/08/09 12:55
 US-PPGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 40 (((((((372/34) or (372/35) or
 (372/36)).CCLS.) or (((257/712) or
 (257/713) or (257/714) or
 (257/715)).CCLS.)) and heat adj sink and
 (liquid or water) near6 (cooler or
 coolant) and (groove or slit or trench))
 and (stack or (upper near12 lower))) and
 semiconductor USPAT 2002/08/09 12:56
 - 44 (((((((372/34) or (372/35) or
 (372/36)).CCLS.) or (((257/712) or
 (257/713) or (257/714) or
 (257/715)).CCLS.)) and heat adj sink and
 (liquid or water) near6 (cooler or
 coolant) and (groove or slit or trench))
 and (stack or (upper near12 lower))) and
 semiconductor USPAT; 2002/08/09 13:32
 US-PPGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - i heat adj sink.ti. and liquid.ti.ab. and
 372/\$6.ccls. USPAT; 2002/08/21 15:29
 US-PPGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 33 heat adj sink.ti. and 372/\$6.ccls. USPAT; 2002/08/21 15:29
 US-PPGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 10326 heat adj sink and upper near12 lower USPAT; 2002/08/22 14:24
 US-PPGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 710 heat adj sink.ti. and upper near12 lower USPAT; 2002/08/23 11:25
 US-PPGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB

- 70 heat adj sink.ti. and upper near12 lower
 near12 (face or main adj surface) USPAT; 2002/08/18 11:36
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 80 heat adj sink.ti. and upper near6 lower
 adj (face or main adj surface) USPAT; 2002/08/18 11:31
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 2 heat adj sink.ti. and (groove or trench,
 near12 upper near6 lower adj (face or main
 adj surface) USPAT; 2002/08/23 11:33
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 2 heat adj sink.ti,ab. and (groove or
 trench) near12 upper near6 lower adj (face
 or main adj surface) USPAT; 2002/08/23 11:34
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 2 heat adj sink.ti,ab. and (groove or
 trench) near18 upper near6 lower adj (face
 or main adj surface) USPAT; 2002/08/23 11:35
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 4 heat adj sink.ti,ab. and (groove or
 trench) near18 upper near6 lower near6
 (face or main adj surface) USPAT; 2002/08/23 11:52
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 6 heat adj sink.ti,ab. and (groove or
 trench) near18 ((upper near18 lower)
 near18 (face or main adj surface)) USPAT; 2002/08/23 11:54
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 4163 ((257/712) or (257/713) or (257/714) or
 (257/715)).CCLS. USPAT; 2002/08/23 14:08
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 1156 (372/34).CCLS. USPAT; 2002/08/23 15:25
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 423 (372/35).CCLS. USPAT; 2002/08/23 15:25
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 661 (372/36).CCLS. USPAT; 2002/08/23 15:26
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 1884 (257/712).CCLS. USPAT; 2002/08/23 15:26
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 958 (257/713).CCLS. USPAT; 2002/08/23 15:26
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB
 - 1193 (257/714).CCLS. USPAT; 2002/08/23 15:26
 US-PGPUB;
 EPO; JPO;
 DERWENT;
 IBM_TDB

| | | | | |
|---|------|--|---|------------------|
| - | 493 | 257/716 .CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/23 15:26 |
| - | 6144 | ((372/34 .CCLS.) or ((372/35 .CCLS.) or ((372/36 .CCLS.) or ((257/712 .CCLS.) or ((257/713 .CCLS.) or ((257/714 .CCLS.) or ((257/715 .CCLS.))) and (heat adj removal or heat adj sink or coolant or cooling)) .ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/23 15:27 |
| - | 4269 | ((((372/34).CCLS.) or (((372/35).CCLS.) or (((372/36).CCLS.) or (((257/712).CCLS.) or (((257/713).CCLS.) or (((257/714).CCLS.) or (((257/715).CCLS.))) and (heat adj removal or heat adj sink or coolant or cooling)) .ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/23 15:28 |
| - | 3590 | ((((372/34).CCLS.) or (((372/35).CCLS.) or (((372/36).CCLS.) or (((257/712).CCLS.) or (((257/713).CCLS.) or (((257/714).CCLS.) or (((257/715).CCLS.))) and (heat adj removal or heat adj sink or coolant or cooling).ti,ab,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/23 15:29 |
| - | 1280 | ((((372/34).CCLS.) or (((372/35).CCLS.) or (((372/36).CCLS.) or (((257/712).CCLS.) or (((257/713).CCLS.) or (((257/714).CCLS.) or (((257/715).CCLS.))) and (heat adj removal or heat adj sink or coolant or cooling).ti,ab,clm. and liquid | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/23 15:29 |
| - | 263 | ((((372/34).CCLS.) or (((372/35).CCLS.) or (((372/36).CCLS.) or (((257/712).CCLS.) or (((257/713).CCLS.) or (((257/714).CCLS.) or (((257/715).CCLS.))) and (heat adj removal or heat adj sink or coolant or cooling).ti,ab,clm. and liquid and (groove or trench) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/23 15:30 |
| - | 27 | (US-6198758-\$ or US-6310900-\$ or US-3654528-\$ or US-4807022-\$ or US-5729052-\$ or US-5783862-\$ or US-5864176-\$ or US-5918665-\$ or US-6157077-\$ or US-6274912-\$ or US-6347050-\$ or US-5801442-\$ or US-4712609-\$ or US-3764935-\$ or US-5241450-\$ or US-4791634-\$ or US-5812570-\$ or US-6307871-\$).did. or (US-20010004370-\$).did. or (JP-02257683-\$ or JP-63073584-\$ or JP-09102568-\$ or JP-08227953-\$ or JP-08139479-\$).did. or (JP-09102568-\$ or EP-715352-\$ or JP-08139479-\$).did. | USPAT; US-PGPUB; JPO; DERWENT | 2002/08/23 18:39 |
| - | 5 | ((US-6198758-\$ or US-6310900-\$ or US-3654528-\$ or US-4807022-\$ or US-5729052-\$ or US-5783862-\$ or US-5864176-\$ or US-5918665-\$ or US-6157077-\$ or US-6274912-\$ or US-6347050-\$ or US-5801442-\$ or US-4712609-\$ or US-3764935-\$ or US-5241450-\$ or US-4791634-\$ or US-5812570-\$ or US-6307871-\$).did. or (US-20010004370-\$).did. or (JP-02257683-\$ or JP-63073584-\$ or JP-09102568-\$ or JP-08227953-\$ or JP-08139479-\$).did. or (JP-09102568-\$ or EP-715352-\$ or JP-08139479-\$).did. and laser adj diode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/23 18:39 |